MARICOPA ASSOCIATION of GOVERNMENTS

Public Sector Survey

Name: _____

Title: _____

Agency: _____

This survey is part of the Training and Capacity Building Task for the MAG ITS Strategic Plan Update. It will provide the study team with an understanding of what types of training or staff development needs exist within agencies in the MAG region.

Please take a few minutes to fill out this survey and bring it to the RISG meeting on December 15, 1999.

1. Training Needs

A. How is training best delivered to your staff/agency?

- Workshops/classes/seminars
- Manuals/guidelines
- Scanning tours
- On-the-job training/Peer-to-Peer network
- Professional associations
- Other_____

B. What are the barriers to delivering this assistance to your agency?

_____

C. What best delivers this type of support?

- Internal staff
- Federal agencies
- Universities
- Commercial vendors

2. ITS Knowledge Areas

The table on the following page lists several areas of ITS and specialized "sub-areas" that might be of interest to agencies in the MAG region for training or professional capacity building opportunities. Please fill in those areas where you see a critical need for training in your agency (column A), provide a ranking of the highest priority training needs (column B), and indicate which knowledge areas are, in your opinion, critical to ITS in general (column C).

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Knowledge Areas for ITS Projects (Greatest Needs)

Column A = Check the knowledge areas critical to your position.

Column B = Rank the top five knowledge areas from 1 to 5, with 1 being the highest priority.

Column C = Check the knowledge areas critical to ITS in general.

		A	B	C
Transportation Planning Process	1. Regional Concept of Operations			
	2. Identifying Organizational Barriers and Managing Change			
	3. Coalition Building with New Stakeholders			
	4. Comparing/Combining ITS and Capital Improvements			
	5. ITS projects in the MPO Regional Transportation Plan/TIP			
	6. Developing a Business Plan			
	7. Data Sharing Between Agencies			
	8. Risk Management			
	9. Partnerships – Structuring Public/Private Agreements			
	10. Public Relations			
Project Planning/Design	11. Technology Analysis — Range of Options			
	12. Cost/Benefit Analysis			
	13. Analysis of Existing ITS Infrastructure			
	14. Using the National ITS Architecture for Planning			
Procurement/Funding	15. Sources of Funding — Fed/State/Local/Private			
	16. Writing Specifications — Technical and Legal Issues			
	17. Procurement Options: Design/Build/Lease Agreements, Shared Resources Agreements and RFPs			
Contracts Management	18. Managing Software Development and Costs			
	19. Managing Contractors: Developers and System Integrators			
Systems Engineering	20. System Analysis and Design			
	21. Consistency with National ITS Architecture and Standards			
	22. Requirements Management			
	23. System Integration			
	24. Quality Assurance			
Telecommunications	25. Capacity Analysis — Transmission: Wireline v. Wireless			
	26. Lease/Build Decision Making			
Installation/Deployment	27. Acceptance Testing			
	28. Use of Prototypes			
	29. Training			
Operations Center	30. Operations Center Staffing Requirements			
	31. Management of an Operations Center			
	32. Human Factors			
Legal Issues	33. Privacy of Data and Identification			
	34. Liability Issues			
	35. Security Systems & Network Vulnerability			
	36. Intellectual Property Rights			
Maintenance	37. Software/Data Maintenance			
	38. Inspection Procedures for ITS Equipment/Systems			
Project Evaluation	39. Project Evaluation			